



SEQUENCE LISTING

<110> THIEL, Heinz-Jurgen .
BECHER, Paul
ORLICH, Michaela

<120> PESTIVIRUS MUTANTS AND VACCINES CONTAINING THE SAME

<130> THIEL ET AL.

<140> 09/839,796

<141> 2001-04-19

<150> EP00201421.5

<151> 2000-04-21

<160> 24

<170> PatentIn Ver. 2.1

<210> 1

<211> 48

<212> DNA

<213> Pestivirus sp.

<400> 1

tacgctagca tttaggtgac actatagtat acgaggtttag gcaagttc

48

<210> 2

<211> 47

<212> DNA

<213> Pestivirus sp.

<400> 2

tacgctagca tttaggtgac actatagata cgagggttagg caagttc

47

<210> 3

<211> 46

<212> DNA

<213> Pestivirus sp.

<400> 3

tacgctagca tttaggtgac actatagtat aagggttaggc aagttc

46

<210> 4

<211> 61
<212> DNA
<213> Pestivirus sp.

<400> 4
tacgctagca tttaggtgac actatagtat acgagggttaa gttctcgtat acatattgga 60
c 61

<210> 5
<211> 51
<212> DNA
<213> Pestivirus sp.

<400> 5
tacgctagca tttaggtgac actataggcg acgagggttag gcaagttctc g 51

<210> 6
<211> 53
<212> DNA
<213> Pestivirus sp.

<400> 6
tacgctagca tttaggtgac actatagtat gtaagggttag gcaagttctc gta 53

<210> 7
<211> 60
<212> DNA
<213> Pestivirus sp.

<400> 7
tacgctagca tttaggtgac actatagtat acgagaactg gcaagttctc gtatacatat 60

<210> 8
<211> 82
<212> DNA
<213> Pestivirus sp.

<400> 8
tacgctagca tttaggtgac actatagtat acgagggttag gcaagttctc gtccccatat 60
tggacactct aaaaataatt ag 82

<210> 9
<211> 47

<212> DNA

<213> Pestivirus sp.

<400> 9

tacgctagca tttaggtgac actatagtat acatattgga cactcta

47

<210> 10

<211> 45

<212> DNA

<213> Pestivirus sp.

<400> 10

tacgctagca tttaggtgac actatagaca tattggacac tctaa

45

<210> 11

<211> 52

<212> DNA

<213> Pestivirus sp.

<400> 11

tacgctagca tttaggtgac actatagtat tggacactct aaaaataatt ag

52

<210> 12

<211> 50

<212> DNA

<213> Pestivirus sp.

<400> 12

tacgctagca tttaggtgac actatagtat cctaggggac aaaaatcctc

50

<210> 13

<211> 46

<212> DNA

<213> Pestivirus sp.

<400> 13

tacgctagca tttaggtgac actatagtat cctccttagc gaaggc

46

<210> 14

<211> 96

<212> RNA

<213> Pestivirus sp.

<400> 14

guauacgaga uuagcuaaag uacucguaua cggauuggac gucgacaaac uuugaauugg 60
caacacaggg aaccuucccc ucggcgaagg ccgaaa 96

<210> 15

<211> 88

<212> RNA

<213> Pestivirus sp.

<400> 15

guauacgagg uuagcucuuu cucguauacg auauuggaua cacuaaaauu cgauuugguc 60
uagggcacc cuccagcgac ggccgaaa 88

<210> 16

<211> 89

<212> RNA

<213> Pestivirus sp.

<400> 16

guauacgagg uuagucauu cucguguaca ugauuggaca aaucaaaauc ucaauuuggu 60
ucagggccuc ccuccagcga cggccgagc 89

<210> 17

<211> 100

<212> RNA

<213> Pestivirus sp.

<400> 17

guauacgagg uuaggcaagu ucucguauac auauuggaca cucuaaaaau aaauaggccu 60
aggggacaaa aauccuccuu agcgaaggcc gaaaaggagc 100

<210> 18

<211> 98

<212> RNA

<213> Pestivirus sp.

<400> 18

guauacgagg uuaggcaagu ucucguauac auauuggaca cucuaaaaaa aaauaaauag 60
gccuagggga caaaaauccu ccuagcgaa ggccgaaa 98

<210> 19

<211> 31

<212> RNA

<213> Pestivirus sp.

<400> 19

guauccuccu uagcgaagc cgaaaagagg c

31

<210> 20

<211> 33

<212> RNA

<213> Pestivirus sp.

<400> 20

guauauccuc cuuagcgaag gccgaaaaga ggc

33

<210> 21

<211> 34

<212> RNA

<213> Pestivirus sp.

<400> 21

guauccuccu ccuuagcgaa ggccgaaaag aggc

34

<210> 22

<211> 96

<212> RNA

<213> Pestivirus sp.

<400> 22

guauacgaga auuagaaaag gcacucguau acguauuggg caauuaaaaa uaauaauuag 60
gccuagggaa caauccuc ucagcgaagg ccgaaa 96

<210> 23

<211> 93

<212> RNA

<213> Pestivirus sp.

<400> 23

guauacgaga auuugccuaa ccucguauac auauugggca uucuaaaaaa aaauuaggcc 60
uaagggacaa auccuccua gcgaaggccg aaa 93

<210> 24

<211> 87

<212> RNA

<213> Pestivirus sp.

<400> 24

guauacggga guagcucaug ccgguauaa aaauuggaua uuccaaaacu cgauuggguu 60
agggagcccu ccuagcgacg gccgaac 87